Division of Agricultural Sciences
UNIVERSITY OF CALIFORNIA

PRELIMINARY REPORT

1955-56 F.O.B. PRICE RELATIONSHIPS PACIFIC COAST CANNED FRUITS

Cling Peaches
Pears
Apricots
Freestone Peaches
Fruit Cocktail

Sidney Hoos

CALIFORNIA AGRICULTURAL EXPERIMENT STATION
GIANNINI FOUNDATION OF AGRICULTURAL ECONOMICS

Mimeographed Report No. 188 June 1956

PRELIMINARY REPORT--
1955-56 F.O.B. PRICE RELATIONSHIPS--
PACIFIC COAST CANNED FRUITS
CLING PEACHES, PEARS, APRICOTS, FREESTONE PEACHES, AND FRUIT COCKTAIL

by

Sidney Hoos[1/]

Table of Contents

List of Tables

1/ Professor of Agricultural Economics and Economist in the Experiment Station and on the Giannini Foundation, University of California.

PRELIMINARY REPORT--
1955-56 F.O.B. PRICE RELATIONSHIPS--
PACIFIC COAST CANNED FRUITS
CLING PEACHES, PEARS, APRICOTS, FREESTONE PEACHES, AND FRUIT COCKTAIL

by

Sidney Hoos[1]

Table of Contents

List of Tables

1/ Professor of Agricultural Economics and Economist in the Experiment Station and on the Olamain Foundation, University of California.

PRELIMINARY REPORT--
1955-56 F.O.B. PRICE RELATIONSHIPS
PACIFIC COAST CANNED FRUITS
CLING PEACHES, PEARS, APRICOTS, FREESTONE PEACHES, AND FRUIT COCKTAIL

Introduction

This preliminary report is presented to the various participants in the Pacific Coast canned fruit industries in response to their request for advance economic and marketing information. The data summarized here, including statistical information on packs, shipments, carry-overs, f.o.b. prices, and their relations to the major factors affecting them, are used by canners, distributors, and grower groups in their consideration and formulation of production and marketing policies and programs. Such specific marketing data and price relationships are examined and reviewed with industry groups in detail and in relation to alternative marketing plans at group meetings. It is for use in such discussions that the report is prepared in the form presented here.

This report is a preliminary one because: (1) the prices used for the 1955-56 marketing year are averages for the 11-month period, June 1, 1955-April 30, 1956; (2) the canners' carry-over for cling peaches and fruit cocktail as of June 1, 1956 are estimates based on projected movements for the last month of the marketing year; and for pears, apricots, and freestone peaches the June 1, 1956 carry-over figures are estimates based on projected movements for the last two months of the year; and (3) national disposable personal income and exports for 1955-56 include estimates for the last quarter of the marketing year. Those preliminary estimates are necessary to provide the industry with marketing information which can be used before final and complete figures are available.

PRELIMINARY REPORT--
1955-56 F.O.B. PRICE RELATIONSHIPS
PACIFIC COAST CANNED FRUITS
CLING PEACHES, PEARS, APRICOTS, FREESTONE PEACHES, AND FRUIT COCKTAIL

Introduction

This preliminary report is presented to the various participants in the Pacific Coast canned fruit industries in response to their request for advance economic and marketing information. The data summarized here, including statistical information on packs, shipments, carry-overs, f.o.b. prices, and their relations to the major factors affecting them, are used by canners, distributors, and grower groups in their consideration and formulation of production and marketing policies and programs. Such specific marketing data and price relationships are examined and reviewed with industry groups in detail and in relation to alternative marketing plans at group meetings. It is for use in such discussions that the report is prepared in the form presented here.

This report is a preliminary one because: (1) the prices used for the 1955-56 marketing year are average for the 11-month period, June 1, 1955-April 30, 1956; (2) the canners' carry-over for cling peaches and fruit cocktail as of June 1, 1956 are estimates based on projected movements for the last month of the marketing year; and for pears, apricots, and freestone peaches the June 1, 1956 carry-over figures are estimates based on projected movements for the last two months of the year; and (3) national disposable personal income and exports for 1955-56 include estimates for the last quarter of the marketing year. Those preliminary estimates are necessary to provide the industry with marketing information which can be used before final and complete figures are available.

This report includes more information than the one titled "Preliminary Report--Canned Cling Peaches--1955-56 F.O.B. Price Relationships" issued recently. That report was concerned primarily with cling peaches and with postwar experience. This report, however, presents currently available industry data for the other canned fruits noted in the report title and for prewar as well as postwar years.

Results

The f.o.b. prices which reflect the average industry experience during the 1955-56 marketing year are summarized as follows:

Canned fruit	Average f.o.b. prices June 1, 1955-April 30, 1956
	dollars per case
California cling peaches (choice, No. $2\frac{1}{2}$)	5.70
California apricots (choice, No. $2\frac{1}{2}$)	5.10
Pacific Coast pears (choice, No. $2\frac{1}{2}$)	6.72
Pacific Coast Elberta freestone peaches (fancy, No. $2\frac{1}{2}$)	6.78
California fruit cocktail (choice, No. $2\frac{1}{2}$)	6.56
Hawaiian pineapple (fancy, sliced, No. $2\frac{1}{2}$), f.o.b. San Francisco	7.35

The estimated movement of canned fruit from canners during 1955-56 is given in detail in the appended tables. But the following summary table indicates the high lights:

This report includes more information than the one titled "Preliminary Report--Canned Cling Peaches--1955-56 F.O.B. Price Relationships" issued recently. That report was concerned primarily with cling peaches and with postwar experience. This report, however, presents currently available industry data for the other canned fruits noted in the report title and for prewar as well as postwar years.

Results

The f.o.b. prices which reflect the average industry experience during the 1955-56 marketing year are summarized as follows:

Canned fruit	Average f.o.b. prices June 1, 1955-April 30, 1956
	dollars per case
California cling peaches (choice, No. 2½)	5.70
California apricots (choice, No. 2½)	5.10
Pacific Coast pears (choice, No. 2½)	6.72
Pacific Coast Bartlett freestone peaches (fancy, No. 2½)	6.78
California fruit cocktail (choice, No. 2½)	6.56
Hawaiian pineapple (fancy, sliced, No. 2½), f.o.b. San Francisco	7.35

The estimated movement of canned fruit from canners during 1955-56 is given in detail in the appended tables. But the following summary table indicates the high lights:

Canned fruit	Estimated movement from canners, 1955-56	
	Total	Domestic commercial
	thousands of cases; 24 No. 2½ basis	
California cling peaches	16,881	14,870
California apricots	4,804	4,579
Pacific Coast pears	7,644	6,894
Pacific Coast freestone peaches	3,946	3,946
California fruit cocktail	9,285	7,985

Also, it is estimated that some 12,800,000 cases of pineapple moved into trade channels through packers' and importers' shipments for domestic civilian consumption.

In addition to providing the basic marketing information summarized above and in the attached tables, this report presents the results of statistical analyses of various major factors related to the industry average f.o.b. prices of canned cling peaches, pears, and apricots. The major price-affecting factors include the domestic commercial movement from canneries, the level of national disposable personal income, and the relative level of prices of canned fruits competing with the respective canned fruits. Those price-influencing factors are shown in tables appended to this report. The f.o.b. price relationships may be summarized as follows:

Canned Cling Peaches

A change of 1,000,000 cases (24 No. 2½ basis) in the commercial domestic movement of California canned cling peaches, considered by itself, was on the average accompanied by a change in the opposite direction of about 15 cents a case in the f.o.b. price (choice, No. 2½) of canned cling peaches.

[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
California apricots	[illegible]	[illegible]
Pacific Coast pears	[illegible]	[illegible]
Pacific Coast freestone peaches	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

Also, it is estimated that some 1,000,000 cases of pineapple moved into trade channels through producers' and importers' shipments for domestic distribution [illegible].

In addition to providing the basic marketing information summarized above and in the statistical tables, this report presents the results of additional analyses of various major factors related to the industry: average f.o.b. prices of canned citrus products, pears, and apricots. The major price-affecting factors include the seasonal commercial movement from commodity, the level of aggregate disposable personal income, and the relative level of prices of canned fruits [illegible]. [illegible] are shown in tables appended to this report. The f.o.b. price relationships may be summarized as follows:

A change of 1,000,000 cases (2% No. 2½ basis) in the commercial [illegible] itself, has on the average accompanied by a change in the opposite direction of about 1½ cents a case in the f.o.b. price (choice No. 2½) of canned citrus products.

An increase of 10 per cent in the index of disposable income, considered by itself, was on the average accompanied by an increase of about 37 cents a case in the f.o.b. price (choice, No. $2\frac{1}{2}$) of canned peaches.

A change of 10 points in the adjusted index of prices of competing canned fruits, considered by itself, was on the average accompanied by a change in the same direction of about 23 cents a case in the f.o.b. price (choice, No. $2\frac{1}{2}$) of canned clingstone peaches. Differences between the actual f.o.b. prices of canned cling peaches (choice, No. $2\frac{1}{2}$) and those accounted for by the statistical analysis are given in Table 5 of this report.

Canned Pears

A change of 1,000,000 cases (24 No. $2\frac{1}{2}$ basis) in the commercial domestic movement of Pacific Coast canned pears, considered by itself, was on the average accompanied by a change in the opposite direction of about 60 cents a case in the f.o.b. price (choice, No. $2\frac{1}{2}$) of Pacific Coast canned pears.

An increase of 10 per cent in the index of disposable income, considered by itself, was on the average accompanied by an increase of about 50 cents a case in the f.o.b. price (choice, No. $2\frac{1}{2}$) of Pacific Coast canned pears.

A change of 10 points in the adjusted index of prices of competing canned fruits, considered by itself, was on the average accompanied by a change in the same direction of about 19 cents a case in the f.o.b. price (choice, No. $2\frac{1}{2}$) of Pacific Coast canned pears.

an increase of 10 per cent in the index of disposable income, considered by itself, was on the average accompanied by an increase of about 27 cents a case in the f.o.b. price (choice, No. 24) of canned peaches.

A change of 10 points in the adjusted index of prices of competing canned fruits, considered by itself, was on the average accompanied by a change in the same direction of about 22 cents a case in the f.o.b. price (choice, No. 24) of canned clingstone peaches. Differences between the equal f.o.b. prices of canned cling peaches (choice, No. 24) are those accounted for by the statistical analyses are given in table 5 of this report.

A change of 1,000,000 cases (24 No. 2½ basis) in the commercial domestic movement of Pacific Coast canned peaches, considered by itself, was on the average accompanied by a change in the opposite direction of about 20 cents a case in the f.o.b. price (choice, No. 24) of inelastic demand [illegible].

An increase of 10 per cent in the index of disposable income, considered by itself, was on the average accompanied by an increase of about 27 cents a case in the f.o.b. price (choice, No. 24) of [illegible]

A change of 10 points in the adjusted index of prices of competing canned fruits, considered by itself, was on the average accompanied by a change in the same direction of about 10 cents a [illegible]

Differences between the actual f.o.b. prices of Pacific Coast canned pears (choice, No. $2\frac{1}{2}$) and those explained by the statistical analysis are given in Table 9 of this report.

Canned Apricots

A change of 1,000,000 cases (24 No. $2\frac{1}{2}$ basis) in the commercial domestic movement of California canned apricots, considered by itself, was on the average accompanied by a change in the opposite direction of about 55 cents a case in the f.o.b. price (choice, No. $2\frac{1}{2}$) of canned apricots.

An increase of 10 per cent in the index of disposable income, considered by itself, was on the average accompanied by an increase of about 28 cents a case in the f.o.b. price (choice, No. $2\frac{1}{2}$) of canned apricots.

A change of 10 points in the adjusted index of prices of competing canned fruits, considered by itself, was on the average accompanied by a change in the same direction of about 11 cents a case in the f.o.b. price (choice, No. $2\frac{1}{2}$) of canned apricots.

Differences between the actual f.o.b. prices of canned apricots (choice, No. $2\frac{1}{2}$) and those explained by the statistical analysis are given in Table 13 of this report.

Data

Although the sources of the data on which this report is based are indicated in the footnotes of the various tables, the following supplementary explanations may be noted for the 1955-56 prices, movement data, and other economic information used in the analyses.

Differences between the actual f.o.b. prices of fruits and canned peas (choice, No. 2) and those explained by the statistical analyses are given in [illegible]

A change of 1,000,000 cases (24 No. 2½ basis) in the commercial canning [illegible] canned apricots, considered by itself, [illegible] on the average accompanied by a change in the opposite direction of about 3½ cents a case in the f.o.b. price (choice, No. 2½) of canned [illegible]

An increase of 10 per cent in the index of disposable income, considered by itself, was on the average accompanied by an increase of about 25 cents a case in the f.o.b. price (choice, No. 2½) of canned [illegible]

A change of 10 points in the adjusted index of prices of competing canned fruits, considered by itself, was on the average accompanied by a change in the same direction of about 11 cents a case in the f.o.b. price (choice, No. 2½) of canned apricots.

Differences between the actual f.o.b. prices of canned apricots (choice, No. 2½) and those explained by the statistical analyses are given in table 13 of this report.

Although the summary of the data on which this report is based are indicated in the footnotes of the various tables, the following supplementary explanations may be noted for the 1935-36 prices, movement data, and other [illegible]

The f.o.b. prices of cling peaches, Elberta freestone peaches, pears, apricots, and fruit cocktail are industry average prices reflecting cannery operations and sales experience. The f.o.b. prices for canned pears and Elberta freestone peaches reflect actual market experience of the canneries in both the Pacific Northwest and in California. The f.o.b. prices for the Northwest were made available through the Northwest Canners Association and those for California were made available through the Canners League of California. The basic price data for California canned pears, apricots, and Elberta freestone peaches were made available through the Canners League of California. The basic price data for cling peaches and fruit cocktail were obtained through the Cling Peach Advisory Board. The price data for Hawaiian pineapple are based on published quotations supplemented by trade information.

The data on canner stocks and movement are based on reports issued by the following agencies: for cling peaches and fruit cocktail, the Cling Peach Advisory Board; for California canned apricots, pears, and freestone peaches, the Canners League of California; and for Northwest canned pears and freestone peaches, the Northwest Canners Association. The movement data for canned pineapple were derived from published reports checked with trade sources.

The index of United States disposable personal income is based on regular reports issued by the U. S. Department of Commerce. The levels of competing canned fruit prices, for each of the fruits, are measured by indexes constructed as indicated in Tables 6, 10, and 14 appended to this report. Exports are based on U. S. Department of Commerce reports, and United States government purchases are from trade sources based on government released information.

TABLE O

Estimated* Canners' On Hand and Movement in 1955-56

Factors of supply and movement	California cling peaches	California fruit cock-tail	California apricots	Pacific Coast pears	Pacific Coast freestone peaches
	thousands of cases; 24 No. $2\frac{1}{2}$ basis				
Canners' on hand, June 1, 1955	558	1,226	222	1,545	458
Pack, 1955	17,923	9,809	5,782	7,849	3,988
Total supply, 1955-56	18,481	11,035	6,004	9,394	4,446
*Canners' on hand, June 1, 1956	(1,600)	(1,750)	(1,200)	(1,750)	(500)
*F.o.b. movement, 1955-56	(16,881)	(9,285)	(4,804)	(7,644)	(3,946)
*Exports, 1955-56	(1,500)	(1,300)	(225)	(750)	
*F.o.b. domestic movement, 1955-56	(15,381)	(7,985)	(4,579)	(6,894)	
Quartermaster and Veterans Administration purchases, 1955-56	511				
*F.o.b. domestic commercial movement, 1955-56	(14,870)	(7,985)	(4,579)	(6,894)	(3,946)

* Items with an asterisk * and figures within parentheses () are estimates.

Sources: Canners League of California, Cling Peach Advisory Board, Northwest Canners Association, and U. S. Department of Commerce.

TABLE 1

F.O.B. Prices of Canned Fruits from 1924-25

Marketing year, June through May	California cling peaches (choice, No. 2½)	California apricots (choice, No. 2½)	Pacific Coast pears (choice, No. 2½)	Pacific Coast[a] Elberta freestone peaches (fancy, No. 2½)	California fruit cocktail (choice, No. 2½)	Hawaiian pineapple (sliced, fancy, No. 2½) f.o.b. San Francisco
	1	2	3	4	5	6
	dollars per case					
1924-25	4.72	4.60	5.85			5.20
1925-26	4.23	4.40	5.90			4.30
1926-27	4.10	4.55	4.70			4.70
1927-28	3.45	4.65	5.00			4.20
1928-29	3.50	4.35	4.50			4.40
1929-30	4.57	4.65	5.25			4.70
1930-31	3.20	4.00	3.90			4.00
1931-32	2.80	3.25	3.10			3.00
1932-33	2.15	2.75	2.75			3.10
1933-34	2.49	3.00	2.90			3.60
1934-35	2.88	4.15	3.35	4.00		3.60
1935-36	2.66	3.25	3.20	3.80		3.60
1936-37	2.79	3.10	3.20	3.80	3.90	3.60
1937-38	3.11	3.30	3.35	3.80	4.00	3.80
1938-39	2.44	2.75	3.05	3.70	3.40	3.40
1939-40	2.56	3.40	3.60	3.60	3.75	3.60
1940-41	2.43	3.80	3.35	3.60	3.35	3.60
(War years)						
1947-48	4.78	6.00	7.10	6.50	6.90	6.10
1948-49	5.10	5.25	8.10	7.00	6.65	6.80
1949-50	4.07	5.00	5.30	5.90	5.70	6.40
1950-51	5.17	5.75	7.80	7.50	6.65	6.80
1951-52	5.53	5.94	7.86	7.50	6.68	6.80
1952-53	5.32	5.68	6.49	7.00	6.41	6.85
1953-54	5.12	5.25	6.91	6.70	6.67	6.85
1954-55	5.17	5.66	6.92	6.45	6.57	6.90
1955-56*	5.70	5.10	6.72	6.78	6.56	7.35

* Preliminary; subject to revision.

a/ The Elberta freestone f.o.b. prices for 1954-55 and 1955-56 are for Pacific Coast; for earlier years, the f.o.b. prices are for California.

Sources:

Cols. 1 and 5: Based on data compiled by the Cling Peach Advisory Board.

Col. 2: Based on data compiled by Canners League of California

Cols. 3 and 4: Based on data compiled by Canners League of California and Northwest Canners Association.

Col. 4: Based on data published in weekly issues, California Fruit News, supplemented by trade information.

Price Indexes of Canned Tomatoes from Lizdbeg

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TABLE 2

Canners' Commercial Domestic Movement of Canned Fruits from 1924-25

Marketing year, June through May	California cling peaches	California apricots	Pacific Coast pears	Pacific Coast[a] freestone peaches	California fruit cocktail	Pineapple
	1	2	3	4	5	6
	thousands of cases; 24 No. 2½ basis					
1924-25	4,607	1,235	1,014			5,183
1925-26	7,484	1,755	1,293			6,265
1926-27	8,599	2,038	1,957			6,713
1927-28	10,867	1,779	1,637			7,131
1928-29	10,490	2,195	2,170			5,990
1929-30	7,483	2,259	2,383			7,173
1930-31	9,257	2,183	2,617			8,960
1931-32	5,976	1,541	1,990			6,351
1932-33	8,148	1,521	2,200			6,960
1933-34	7,415	2,034	2,767			7,442
1934-35	7,685	1,477	2,984	321		6,705
1935-36	8,452	1,951	2,670	274		8,582
1936-37	9,358	2,992	3,997	518	2,178	9,989
1937-38	6,854	2,901	2,681	677	2,271	8,529
1938-39	10,127	2,562	3,114	542	2,951	8,292
1939-40	8,673	2,640	2,768	878	3,091	10,796
1940-41	11,433	2,012	4,150	1,233	4,514	10,573
(War years)						
1947-48	13,843	2,415	4,866	1,291	8,836	10,112
1948-49	12,382	3,528	3,660	1,690	6,791	11,684
1949-50	15,849	3,072	5,613	1,493	7,091	11,920
1950-51	14,287	3,566	4,815	1,896	8,111	13,077
1951-52	13,648	3,410	4,348	2,271	5,604	9,731
1952-53	14,374	3,158	5,731	2,479	7,463	11,750
1953-54	14,682	3,922	5,373	2,534	6,915	12,111
1954-55	14,086	3,170	6,272	3,840	7,927	12,800
1955-56*	14,870	4,579	6,894	3,946	7,985	12,800

* Preliminary; subject to revision.

a/ The freestone peach data shown for 1954-55 and 1955-56 are for Pacific Coast; the freestone peach data for earlier years are for California so as to correspond with the f.o.b. prices in column 4 of Table 1.

Sources:

Col. 1: Table 3, column 7.

Col. 2: Table 11, column 7.

Col. 3: Table 7, column 7.

Col. 4: Table 15, column 5.

Col. 5: Table 16, column 8.

Col. 6: Based on data compiled by Pineapple Growers Association of Hawaii and U. S. Department of Commerce, supplemented by data and information from trade sources.

TABLE 2

Commercial Commercial Farmers: Movement of Labour, Uganda, 1964-65

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TABLE 3

California Canned Cling Peaches, Canners' Pack, Carry-Over, Shipments, and Exports from 1924-25

Marketing year, June through May	Pack	Canners' stocks on hand at beginning of year	Total supply	Canners' stocks on hand at end of year	Commercial movement from canners' hands	United States exports	Commercial domestic movement
	1	2	3	4	5	6	7
	thousands of cases; 24 No. 2½ basis						
1924-25	5,206	1,391	6,597	709	5,888	1,281	4,607
1925-26	9,080	709	9,789	449	9,340	1,856	7,484
1926-27	13,561	449	14,010	3,730	10,280	1,681	8,599
1927-28	10,499	3,730	14,229	1,322	12,907	2,040	10,867
1928-29	14,439	1,322	15,761	3,109	12,652	2,162	10,490
1929-30	7,724	3,109	10,833	1,629	9,204	1,721	7,483
1930-31	13,174	1,629	14,803	3,922	10,881	1,624	9,257
1931-32	8,349	3,922	12,271	4,826	7,445	1,469	5,976
1932-33	6,414	4,826	11,240	1,359	9,881	1,733	8,148
1933-34	10,244	1,359	11,603	2,389	9,214	1,799	7,415
1934-35	8,258	2,389	10,647	1,836	8,811	1,126	7,685
1935-36	10,850	1,836	12,686	1,929	10,757	2,305	8,452
1936-37	10,236	1,929	12,165	1,498	10,667	1,309	9,358
1937-38	12,205	1,498	13,703	5,578	8,125	1,271	6,854
1938-39	9,446	5,578	15,024	2,737	12,287	2,160	10,127
1939-40	10,579	2,737	13,316	2,690	10,626	1,953	8,673
1940-41	9,608	2,690	12,299	779	11,520	87	11,433
(War years)							
1947-48	15,309	456	15,765	1,247	14,518	675	13,843
1948-49	14,650	1,247	15,897	3,061	12,836	454	12,382
1949-50	16,525	3,061	19,585	2,058	16,332 a/	483	15,879
1950-51	14,417	2,058	16,475	531	14,771 b/	484	14,287
1951-52	19,145	531	19,676	3,418	14,078 c/	430	13,648
1952-53	14,964	3,418	18,382	2,328	14,888 d/	514	14,374
1953-54	17,163	2,328	19,490	2,708	15,485 e/	803	14,682
1954-55	13,818	2,708	16,526	558	15,056 f/	970	14,086
1955-56*	17,923	558	18,481	1,600	16,370 g/	1,500	14,870

(Continued on next page.)

Table 2

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table 3 continued.

* Preliminary; subject to revision.

a/ Excludes government school lunch purchases of 865,000 cases in June, 1949-March, 1950, and an additional 331,000 cases in April, 1950. If school lunch purchases were included, total movement would be 17,528,219 cases.

b/ Excludes government purchases of 1,172,766 cases. If government purchases were included, total movement would be 15,943,675 cases.

c/ Excludes government purchases of 2,180,000 cases (1,734,000 quartermaster and 446,000 school lunch). If government purchases were included, total movement would be 16,258,400 cases.

d/ Excludes government purchases of 1,166,000 cases (960,000 quartermaster and 206,000 school lunch). If government purchases were included, total movement would be 16,054,000 cases.

e/ Excludes government purchases of 1,297,000 cases (534,000 quartermaster and 763,000 school lunch). If government purchases were included, total movement would be 15,782,000 cases.

f/ Excludes government purchases of 912,000 cases (69,000 quartermaster and 843,000 school lunch). If government purchases were included, total movement would be 15,968,000 cases.

g/ Excludes government purchases of 511,404 cases (478,923 quartermaster and 32,481 Veterans Administration). If government purchases were included, total movement would be 16,881,564.

Sources:

Cols. 1, 2, and 4:	From reports issued by Canners League of California and Cling Peach Advisory Board.
Col. 3:	Column 1 plus column 2.
Col. 5:	Column 3 minus column 4.
Col. 6:	U. S. Department of Commerce. March-May, 1956, estimated. (All exports considered to be clings; no breakdown between clings and frees is available.)
Col. 7:	Column 5 minus column 6.

TABLE 4

F.O.B. Prices of Canned Cling Peaches and Related Economic Variables from 1924-25

Marketing year, June through May	F.o.b. price of canned cling peaches (choice, No. $2\frac{1}{2}$)	F.o.b. commercial domestic movement of California cling peaches (24 No. $2\frac{1}{2}$ basis)	Index of United States disposable personal income	Index of competing canned fruit prices
	1	2	3	4
	dollars per case	millions of cases	1947-1949 = 100	
1924-25	4.72	4.607	37.8	215.2
1925-26	4.23	7.484	40.7	174.9
1926-27	4.10	8.599	41.0	178.6
1927-28	3.45	10.867	41.0	168.2
1928-29	3.50	10.490	43.6	158.6
1929-30	4.57	7.483	43.0	175.0
1930-31	3.20	9.257	37.1	168.2
1931-32	2.80	5.976	29.9	160.4
1932-33	2.15	8.148	23.7	197.0
1933-34	2.49	7.415	26.5	197.7
1934-35	2.88	7.685	29.0	195.5
1935-36	2.66	8.452	33.1	164.5
1936-37	2.79	9.358	37.2	146.7
1937-38	3.11	6.854	36.3	158.5
1938-39	2.44	10.127	36.1	141.2
1939-40	2.56	8.673	38.8	145.3
1940-41	2.43	11.433	44.2	124.9
(War years)				
1947-48	4.78	13.843	95.0	108.0
1948-49	5.10	12.382	101.9	103.8
1949-50	4.07	15.849	103.2	88.8
1950-51	5.17	14.287	115.8	92.6
1951-52	5.53	13.648	123.3	87.8
1952-53	5.32	14.374	130.8	78.7
1953-54	5.12	14.682	134.8	76.8
1954-55	5.17	14.086	138.8	75.2
1955-56*	5.70	14.870	147.0	71.5

* Preliminary; subject to revision.

Sources:

Col. 1: Table 1, column 1.

Col. 2: Table 3, column 7.

Col. 3: Table 6, column 4.

Col. 4: For sources and method of construction, see Table 6.

TABLE 5

Actual and Estimated F.O.B. Prices of California Canned Cling Peaches Choice, No. 2½, from 1924-25

Marketing year, June through May	California cling peaches (choice, No. 2½)		Difference: column 1 minus column 2	Percentage difference: column 3 as per cent of column 1
	Actual f.o.b. price	Estimated f.o.b. price		
	1	2	3	4
	dollars per case			per cent
1924-25	4.72	5.04	-.32	- 6.8
1925-26	4.23	3.95	.28	6.6
1926-27	4.10	3.88	.22	5.4
1927-28	3.45	3.28	.17	4.9
1928-29	3.50	3.37	.13	3.7
1929-30	4.57	4.17	.40	8.8
1930-31	3.20	3.15	.05	1.6
1931-32	2.80	2.65	.15	5.4
1932-33	2.15	2.21	-.06	- 2.8
1933-34	2.49	2.79	-.30	-12.0
1934-35	2.88	3.05	-.17	- 5.9
1935-36	2.66	2.74	-.08	- 3.0
1936-37	2.79	2.65	.14	5.0
1937-38	3.11	3.23	-.12	- 3.9
1938-39	2.44	2.28	.16	6.6
1939-40	2.56	2.90	-.34	-13.3
1940-41	2.43	2.50	-.07	- 2.9
(War years)				
1947-48	4.78	4.75	.03	0.6
1948-49	5.10	5.17	-.07	- 1.4
1949-50	4.07	4.32	-.25	- 6.1
1950-51	5.17	5.11	.06	1.2
1951-52	5.53	5.35	.18	3.2
1952-53	5.32	5.26	.06	1.1
1953-54	5.12	5.29	-.17	- 3.3
1954-55	5.17	5.46	-.29	- 5.6
1955-56*	5.70	5.48	.22	3.9

* Preliminary; subject to revision.

Sources:

Col. 1: Table 4, column 1.

Col. 2: Estimated by use of data in Table 4 applied to equation (1) on page 15.

TABLE 6

Construction of Adjusted Index of Prices of Canned Fruits Competing with Canned Cling Peaches from 1924-25

Marketing year, June through May	Weighted average prices of competing canned fruits		United States disposable personal income		Adjusted index of competing canned fruit prices, 1947-1949 = 100
	Dollars per case	Index, 1947-48 to 1949-50 = 100	Billions of dollars	Index, 1947-1949 = 100	
	1	2	3	4	5
1924-25	5.1890	81.35	70.9	37.8	215.2
1925-26	4.5410	71.19	76.2	40.7	174.9
1926-27	4.6715	73.23	76.8	41.0	178.6
1927-28	4.4001	68.98	76.9	41.0	168.2
1928-29	4.4104	69.14	81.8	43.6	158.6
1929-30	4.8014	75.27	80.6	43.0	175.0
1930-31	3.9810	62.41	69.5	37.1	168.2
1931-32	3.0591	47.96	56.0	29.9	160.4
1932-33	2.9781	46.69	44.5	23.7	197.0
1933-34	3.3421	52.39	49.6	26.5	197.7
1934-35	3.6170	56.70	54.3	29.0	195.5
1935-36	3.4742	54.46	62.1	33.1	164.5
1936-37	3.4812	54.57	69.8	37.2	146.7
1937-38	3.6709	57.55	68.0	36.3	158.5
1938-39	3.2515	50.97	67.6	36.1	141.2
1939-40	3.5968	56.39	72.8	38.8	145.3
1940-41	3.5216	55.21	82.8	44.2	124.9
(War years)					
1947-48	6.5437	102.58	178.0	95.0	108.0
1948-49	6.7478	105.78	190.9	101.9	103.8
1949-50	5.8455	91.64	193.4	103.2	88.8
1950-51	6.8375	107.19	217.0	115.8	92.6
1951-52	6.9023	108.20	231.1	123.3	87.8
1952-53	6.5665	102.94	245.2	130.8	78.7
1953-54	6.6044	103.53	252.6	134.8	76.8
1954-55	6.6604	104.41	260.1	138.8	75.2
1955-56*	6.7013	105.05	275.4	147.0	71.5

* Preliminary; subject to revision.

Sources:

Col. 1: F.o.b. prices (other than clings) given in Table 1 weighted by corresponding domestic shipments given in Table 2.

Col. 2: Column 1 figures expressed as percentages with 1947-1949 = 100.

Col. 3: Based on income data published in U. S. Department of Commerce, Survey of Current Business.

Col. 4: Column 3 figures expressed as percentages with 1947-1949 = 100.

Col. 5: Column 2 as per cent of column 4.

Table 6

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Technical Note for Canned Cling Peaches

With price as the dependent variable and the three other variables below considered as the independent variables, multiple linear regression equations fitted by the method of least squares to the series covering the years 1924-25 through 1955-56 (excluding 1941-42 through 1946-47) are:

(1) $X_1' = -13.455750 \underset{(4.449235)}{-0.161343[X_2]} + \underset{(20.040121)}{9.094173[\log_{10}X_3]} + \underset{(7.195915)}{0.022734(X_4)}$; $\bar{R} = 0.98$

(2) $X_1' = -28.365904 \underset{(5.171425)}{-0.174517[X_2]} + \underset{(19.503085)}{9.986109[\log_{10}X_3]} + \underset{(7.607760)}{7.859931[\log_{10}X_4]}$; $\bar{R} = 0.98$

(3) $\log_{10}X_1' = 3.531111 \underset{(3.959277)}{-0.325123[\log_{10}X_2]} + \underset{(17.775915)}{1.184410[\log_{10}X_3]} + \underset{(8.249214)}{1.113054[\log_{10}X_4]}$;

$\bar{R} = 0.98$

X_1 is the annual average f.o.b. price (choice, No. $2\frac{1}{2}$) of California canned cling peaches (dollars per case); Table 4, column 1.

X_2 is the canners' commercial domestic movement of California canned cling peaches (in units of 1,000,000 cases); Table 4, column 2.

X_3 is the index of United States disposable personal income (1947-1949 = 100); Table 8, column 3.

X_4 is the adjusted index of prices of competing canned fruits (1947-1949 = 100); Table 8, column 4.

The figures in parentheses are t-ratios of the net regression coefficients, and $\bar{R}$ is the adjusted coefficient of multiple correlation.

TABLE 7

Pacific Coast Canned Pears, Canners' Pack, Carry-Over, Shipments, and Exports from 1924-25

Marketing year, June through May	Pack	Canners' stocks on hand at beginning of year	Total supply	Canners' stocks on hand at end of year	Total movement from canners' hands	United States exports	Commercial domestic movement
	1	2	3	4	5	6	7
	thousands of cases; 24 No. 2½ basis						
1924-25	2,119	142	2,261	51	2,210	1,196	1,014
1925-26	3,429	51	3,480	507	2,973	1,680	1,293
1926-27	3,260	507	3,767	401	3,366	1,409	1,957
1927-28	2,639	401	3,040	167	2,873	1,236	1,637
1928-29	4,116	167	4,283	292	3,991	1,821	2,170
1929-30	4,206	292	4,498	952	3,546	1,163	2,383
1930-31	4,153	952	5,105	893	4,212	1,595	2,617
1931-32	3,635	893	4,528	870	3,658	1,668	1,990
1932-33	3,117	870	3,987	429	3,558	1,358	2,200
1933-34	4,377	429	4,806	273	4,533	1,766	2,767
1934-35	5,505	273	5,778	1,291	4,487	1,503	2,984
1935-36	4,230	1,291	5,521	957	4,564	1,894	2,670
1936-37	5,355	957	6,312	850	5,462	1,465	3,997
1937-38	4,321	850	5,171	1,150	4,021	1,340	2,681
1938-39	4,090	1,150	5,240	400	4,840	1,726	3,114
1939-40	4,057	400	4,457	280	4,177	1,409	2,768
1940-41							4,150
(War years)							
1947-48	5,622	200	5,822	726	5,096	230	4,866
1948-49	3,831	726	4,557	761	3,796	136	3,660
1949-50	5,459	761	6,220	448	5,772	159	5,613
1950-51	6,048	448	6,496	566	5,930	215	4,815[a]
1951-52	6,215	566	6,781	1,575	5,206	95	4,348[b]
1952-53	6,003	1,575	7,578	1,361	6,217	131	5,731[c]
1953-54	5,185	1,361	6,546	747	5,799	116	5,373[d]
1954-55	7,475	747	8,222	1,545	6,677	260	6,272[e]
1955-56*	7,849	1,545	9,394	1,750	7,644	750	6,894

(Continued on next page.)

[illegible]

Table 7 continued.

* Preliminary; subject to revision.

a/ Excludes 900,549 cases purchased by U. S. Defense Department (Quartermaster Corps). If quartermaster purchases were included, domestic shipments would amount to 5,715,000 cases.

b/ Excludes 763,000 cases purchased by U. S. Defense Department (Quartermaster Corps). If quartermaster purchases were included, domestic shipments would amount to 5,111,000 cases.

c/ Excludes 355,000 cases purchased by U. S. Defense Department (Quartermaster Corps). If quartermaster purchases were included, domestic shipments would amount to 6,086,000 cases.

d/ Excludes 310,000 cases purchased by U. S. Defense Department (Quartermaster Corps). If quartermaster purchases were included, domestic shipments would amount to 5,683,000 cases.

e/ Excludes United States government (quartermaster) purchases of 145,000 cases. If quartermaster purchases were included, total domestic shipments would amount to 6,417,000 cases.

Sources:

Cols. 1, 2, and 4:	From reports issued by Canners League of California and Northwest Canners Association.
Col. 3:	Column 1 plus column 2.
Col. 5:	Column 3 minus column 4.
Col. 6:	U. S. Department of Commerce. March-May, 1956, estimated.
Col. 7:	Column 5 minus column 6.

TABLE 8

F.O.B. Prices of Pacific Coast Canned Pears and Related Economic Variables from 1926-27

Marketing year, June through May	F.o.b. price of Pacific Coast canned pears (choice No. $2\frac{1}{2}$)	F.o.b. commercial domestic movement of Pacific Coast canned pears	Index of United States disposable income	Index of competing canned fruit prices
	1	2	3	4
	dollars per case	thousands of cases; 24 No. $2\frac{1}{2}$ basis	1947-1949 = 100	
1926-27	4.70	1,957	41.0	188.1
1927-28	5.00	1,637	41.0	164.2
1928-29	4.50	2,170	43.6	156.9
1929-30	5.25	2,383	43.0	189.6
1930-31	3.90	2,617	37.1	172.4
1931-32	3.10	1,990	29.9	173.0
1932-33	2.75	2,200	23.7	193.2
1933-34	2.90	2,767	26.5	201.8
1934-35	3.35	2,984	29.0	201.1
1935-36	3.20	2,670	33.1	167.6
1936-37	3.20	3,997	37.2	154.5
1937-38	3.35	2,681	36.3	171.1
1938-39	3.05	3,114	36.1	143.3
1939-40	3.60	2,768	38.8	147.4
(War years)				
1948-49	8.10	3,660	101.9	104.4
1949-50	5.30	5,613	103.2	88.4
1950-51	7.80	4,815	115.8	93.3
1951-52	7.86	4,348	123.3	89.0
1952-53	6.49	5,731	130.8	82.3
1953-54	6.91	5,373	134.8	78.6
1954-55	6.92	6,272	138.8	77.6
1955-56*	6.72	6,894	147.0	76.3

* Preliminary; subject to revision.

Sources:

Col. 1: Table 1, column 3.

Col. 2: Table 7, column 7.

Col. 3: Table 6, column 4.

Col. 4: For sources and methods of construction, see Table 10.

TABLE 9

Actual and Estimated F.O.B. Prices of Pacific Coast Canned Pears
Choice, No. 2½, from 1926-27

Marketing year, June through May	Choice, No. 2½		Difference: column 1 minus column 2	Column 3 as per cent of column 1
	Actual f.o.b. price	Estimated f.o.b. price		
	1	2	3	4
	dollars per case			per cent
1926-27	4.70	5.23	-.53	-11.3
1927-28	5.00	4.97	.03	0.6
1928-29	4.50	4.83	-.33	- 7.3
1929-30	5.25	5.25	0	0
1930-31	3.90	4.01	-.11	- 2.8
1931-32	3.10	3.28	-.18	- 5.8
1932-33	2.75	2.32	.43	15.6
1933-34	2.90	2.72	.18	6.2
1934-35	3.35	3.04	.32	9.2
1935-36	3.20	3.29	-.09	- 2.8
1936-37	3.20	2.83	.37	11.6
1937-38	3.35	3.83	-.48	-14.3
1938-39	3.05	3.00	.05	1.6
1939-40	3.60	3.67	-.07	- 1.9
(War years)				
1948-49	8.10	7.34	.76	9.4
1949-50	5.30	5.90	-.60	-11.3
1950-51	7.80	7.08	.72	9.2
1951-52	7.86	7.61	.25	3.2
1952-53	6.49	6.94	-.45	- 6.9
1953-54	6.91	7.25	-.34	- 4.9
1954-55	6.92	6.83	.09	1.3
1955-56*	6.72	6.72	0	0

* Preliminary; subject to revision.

Sources:

Col. 1: From Table 1, column 3.

Col. 2: Estimated by use of data in Table 8 applied to equation (1) on page 21.

Col. 1: From Table 1, column 3.

Col. 2: Estimated by use of data in Table 3 applied to equation (1) on page 1.

TABLE 10

Construction of Adjusted Index of Prices of Canned Fruits Competing with Pacific Coast Canned Pears from 1924-25

Marketing year, June through May	Weighted average prices of competing canned fruits		United States disposable income		Adjusted index of competing canned fruit prices, 1947-1949 = 100
	Dollars per case	Index, 1947-48 to 1949-50 = 100	Billions of dollars	Index, 1947-48 to 1949-50 = 100	
	1	2	3	4	5
1924-25	4.9322	86.76	70.9	37.8	229.5
1925-26	4.2775	75.24	76.2	40.7	184.9
1926-27	4.3850	77.13	76.8	41.0	188.1
1927-28	3.8284	67.34	76.9	41.0	164.2
1928-29	3.8886	68.40	81.8	43.6	156.9
1929-30	4.6358	81.54	80.6	43.0	189.6
1930-31	3.6370	63.97	69.5	37.1	172.4
1931-32	2.9416	51.74	56.0	29.9	173.0
1932-33	2.6025	45.78	44.5	23.7	193.2
1933-34	3.0405	53.48	49.6	26.5	201.8
1934-35	3.3163	58.33	54.3	29.0	201.1
1935-36	3.1549	55.49	62.1	33.1	167.6
1936-37	3.2677	57.48	69.8	37.2	154.5
1937-38	3.5303	62.10	68.0	36.3	171.1
1938-39	2.9414	51.74	67.6	36.1	143.3
1939-40	3.2517	57.20	72.8	38.8	147.4
1940-41	3.1262	54.99	82.8	44.2	124.4
(War years)					
1947-48	5.8005	102.03	178.0	95.0	107.4
1948-49	6.0455	106.34	190.9	101.9	104.4
1949-50	5.2094	91.63	193.4	103.2	88.8
1950-51	6.1424	108.04	217.0	115.8	93.3
1951-52	6.2418	109.79	231.1	123.3	89.0
1952-53	6.1209	107.67	245.2	130.8	82.3
1953-54	6.0209	105.91	252.6	134.8	78.6
1954-55	6.1195	107.64	260.1	138.8	77.6
1955-56*	6.3761	112.15	275.4	147.0	76.3

* Preliminary; subject to revision.

Sources:

Col. 1: F.o.b. prices (other than pears) given in Table 1 weighted by corresponding domestic shipments given in Table 2.

Col. 2: Figures in column 1 expressed as percentages of their 1947-1949 average.

Col. 3: Based on income data reported by U. S. Department of Commerce, Survey of Current Business.

Col. 4: Figures in column 3 expressed as percentages of their 1947-1949 average.

Col. 5: Column 2 as per cent of column 4.

Technical Note for Canned Pears

With price as the dependent variable and the three other variables below considered as the independent variables, multiple linear regression equations fitted by the method of least squares to the series covering the years 1926-27 through 1955-56 (excluding 1940-41 through 1947-48) are:

$$(1)\ X_1' = -16.498389 - \underset{(4.988212)}{0.000615(X_2)} + \underset{(10.746653)}{11.999957(\log_{10}X_3)} + \underset{(2.659884)}{0.019037(X_4)};\ \bar{R} = 0.98$$

$$(2)\ X_1' = -2.299044 - \underset{(4.639766)}{0.311224(\log_{10}X_2)} + \underset{(14.754583)}{1.201291(\log_{10}X_3)} + \underset{(5.379776)}{0.923024(\log_{10}X_4)};$$

$\bar{R} = 0.99$

X_1 is the annual average f.o.b. price (choice, No. $2\frac{1}{2}$) of Pacific Coast canned pears (dollars per case); Table 8, column 1.

X_2 is the canners' commercial domestic movement of Pacific Coast canned pears (in units of 1,000 cases); Table 8, column 2.

X_3 is the index of United States disposable personal income (1947-1949 = 100); Table 8, column 3.

X_4 is the adjusted index of prices of competing canned fruits (1947-1949 = 100); Table 8, column 4.

The figures in parentheses are t-ratios of the net regression coefficients and $\bar{R}$ the adjusted coefficient of multiple correlation.

TABLE 11

California Canned Apricots, Canners' Pack, Carry-Over, Shipments, and Exports from 1924-25

Marketing year, June through May	Pack	Canners' stocks on hand at beginning of year	Total supply	Canners' stocks on hand at end of year	Total movement from canners' hands	United States exports	Commercial domestic movement
	1	2	3	4	5	6	7
	thousands of cases; 24 No. 2½ basis						
1924-25	1,968	298	2,266	315	1,951	716	1,235
1925-26	2,094	315	2,409	21	2,388	633	1,755
1926-27	3,227	21	3,248	401	2,847	809	2,038
1927-28	2,960	401	3,361	952	2,409	630	1,779
1928-29	1,991	952	2,943	154	2,789	594	2,195
1929-30	4,023	154	4,177	1,189	2,988	729	2,259
1930-31	1,954	1,189	3,143	546	2,597	414	2,183
1931-32	2,006	546	2,552	515	2,037	496	1,541
1932-33	1,805	515	2,320	323	1,997	476	1,521
1933-34	2,416	323	2,739	167	2,572	538	2,034
1934-35	1,774	167	1,941	227	1,714	237	1,477
1935-36	3,164	227	3,391	844	2,547	596	1,951
1936-37	2,899	844	3,743	228	3,515	523	2,992
1937-38	5,553	228	5,781	2,305	3,476	575	2,901
1938-39	1,547	2,305	3,852	528	3,324	762	2,562
1939-40	3,338	528	3,866	479	3,387	747	2,640
1940-41	1,815	479	2,294	269	2,025	13	2,012
(War years)							
1947-48	3,063	279	3,342	639	2,703	288	2,415
1948-49	4,651	639	5,290	1,508	3,782	254	3,528
1949-50	2,307	1,508	3,815	532	3,283	211	3,072
1950-51	3,661	532	4,193	115	4,078	135	3,566a/
1951-52	4,538	115	4,653	614	4,039	133	3,410b/
1952-53	3,905	614	4,519	646	3,873	112	3,158c/
1953-54	4,718	646	5,364	1,021	4,343	164	3,922d/
1954-55	2,678	1,021	3,699	222	3,477	246	3,170e/
1955-56*	5,782	222	6,004	1,200	4,804	225	4,579

(Continued on next page.)

Table 11 continued.

* Preliminary; subject to revision.

a/ Excludes United States government (quartermaster) purchases of 375,564 cases. If government purchases were included, total domestic shipments would be 3,942,072 cases.

b/ Excludes United States government (quartermaster) purchases of 496,000 cases. If government purchases were included, total domestic shipments would be 3,906,000 cases.

c/ Excludes United States government (quartermaster) purchases of 603,000 cases. If government purchases were included, total domestic shipments would be 3,761,000 cases.

d/ Excludes United States government (quartermaster) purchases of 257,000 cases. If government purchases were included, total domestic shipments would be 4,179,000 cases.

e/ Excludes United States government (quartermaster) purchases of 61,000 cases. If government purchases were included, total domestic shipments would be 3,231,000 cases.

Sources:

Col. 1 through 5:	From reports issued by Canners League of California.
Col. 6:	U. S. Department of Commerce. March-May, 1956, estimated.
Col. 7:	Column 5 minus column 6.

TABLE 12

F.O.B. Prices of Canned Apricots and Related Economic Variables from 1924-25

Marketing year, June through May	F.o.b. prices of canned California apricots (choice, No. 2½)	F.o.b. commercial domestic movement of California canned apricots	Index of United States disposable income	Index of competing canned fruit prices
	1	2	3	4
	dollars per case	thousands of cases; 24 No. 2½ basis	1947-1949 = 100	
1924-25	4.60	1,235	37.8	229.1
1925-26	4.40	1,755	40.7	185.3
1926-27	4.55	2,038	41.0	183.8
1927-28	4.65	1,779	41.0	160.9
1928-29	4.35	2,195	43.6	153.4
1929-30	4.65	2,259	43.0	188.0
1930-31	4.00	2,183	37.1	167.7
1931-32	3.25	1,541	29.9	167.8
1932-33	2.75	1,521	23.7	188.5
1933-34	3.00	2,034	26.5	195.4
1934-35	4.15	1,477	29.0	192.1
1935-36	3.25	1,951	33.1	163.1
1936-37	3.10	2,992	37.2	150.8
1937-38	3.30	2,901	36.3	167.0
1938-39	2.75	2,562	36.1	141.1
1939-40	3.40	2,640	38.8	144.5
1940-41	3.80	2,012	44.2	120.6
(War years)				
1947-48	6.00	2,415	95.0	107.3
1948-49	5.25	3,528	101.9	106.4
1949-50	5.00	3,072	103.2	86.9
1950-51	5.75	3,566	115.8	94.1
1951-52	5.94	3,410	123.3	89.8
1952-53	5.68	3,158	130.8	81.2
1953-54	5.25	3,922	134.8	78.9
1954-55	5.66	3,170	138.8	77.3
1955-56*	5.10	4,579	147.0	76.3

* Preliminary; subject to revision.

Sources:

Col. 1: Table 1, column 2.

Col. 2: Table 11, column 7.

Col. 3: Table 14, column 4.

Col. 4: For sources and methods of construction, see Table 14.

TABLE 13

Actual and Estimated F.O.B. Prices of California Canned Apricots, Choice, No. $2\frac{1}{2}$, from 1924-25

Marketing year, June through May	Choice, No. $2\frac{1}{2}$		Difference: column 1 minus column 2	Column 3 as per cent of column 1
	Actual f.o.b. price	Estimated f.o.b. price		
	1	2	3	4
	dollars per case			per cent
1924-25	4.60	5.04	-.44	- 9.6
1925-26	4.40	4.46	-.06	- 1.4
1926-27	4.55	4.30	.25	5.5
1927-28	4.65	4.19	.46	9.9
1928-29	4.35	4.05	.30	6.9
1929-30	4.65	4.36	.29	6.2
1930-31	4.00	3.75	.25	6.2
1931-32	3.25	3.50	-.25	- 7.7
1932-33	2.75	3.07	-.32	-11.6
1933-34	3.00	3.18	-.18	- 6.0
1934-35	4.15	3.72	.43	10.4
1935-36	3.25	3.50	-.25	- 7.7
1936-37	3.10	3.10	0	0
1937-38	3.30	3.26	.04	1.2
1938-39	2.75	3.15	-.40	-14.6
1939-40	3.40	3.35	.05	1.5
1940-41	3.80	3.82	-.02	- 0.5
(War years)				
1947-48	6.00	5.65	.35	5.8
1948-49	5.25	5.20	.05	1.0
1949-50	5.00	5.28	-.28	- 5.6
1950-51	5.75	5.41	.34	5.9
1951-52	5.94	5.63	.31	5.2
1952-53	5.68	5.85	-.17	3.0
1953-54	5.25	5.47	-.22	- 4.2
1954-55	5.66	5.97	-.31	- 5.5
1955-56*	5.10	5.31	-.21	- 4.1

* Preliminary; subject to revision.

Sources:

Col. 1: From Table 12, column 1.

Col. 2: Estimated by use of data in Table 12 applied to equation (1) on page 27.

[illegible]

TABLE 14

Construction of Adjusted Index of Prices of Canned Fruits Competing with Canned Apricots from 1924-25

Marketing year, June through May	Weighted average prices of competing canned fruits		United States disposable personal income		Adjusted index of competing canned fruit prices, 1947-1949 = 100
	Dollars per case	Index, 1947-48 to 1949-50 = 100	Billions of dollars	Index, 1947-1949 = 100	
	1	2	3	4	5
1924-25	5.0563	86.59	70.9	37.8	229.1
1925-26	4.4027	75.40	76.2	40.7	185.3
1926-27	4.4012	75.37	76.8	41.0	183.8
1927-28	3.8516	65.96	76.9	41.0	160.9
1928-29	3.9054	66.88	81.8	43.6	153.4
1929-30	4.7198	80.83	80.6	43.0	188.0
1930-31	3.6320	62.20	69.5	37.1	167.7
1931-32	2.9304	50.18	56.0	29.9	167.8
1932-33	2.6083	44.67	44.5	23.7	188.5
1933-34	3.0231	51.77	49.6	26.5	195.4
1934-35	3.2524	55.70	54.3	29.0	192.1
1935-36	3.1516	53.97	62.1	33.1	163.1
1936-37	3.2766	56.11	69.8	37.2	150.8
1937-38	3.5391	60.61	68.0	36.3	167.0
1938-39	2.9745	50.94	67.6	36.1	141.1
1939-40	3.2735	56.06	72.8	38.8	144.5
1940-41	3.1128	53.31	82.8	44.2	120.6
(War years)					
1947-48	5.9505	101.90	178.0	95.0	107.3
1948-49	6.3312	108.42	190.9	101.9	106.4
1949-50	5.2369	89.68	193.4	103.2	86.9
1950-51	6.3647	108.99	217.0	115.8	94.1
1951-52	6.4684	110.77	231.1	123.3	89.8
1952-53	6.2048	106.26	245.2	130.8	81.2
1953-54	6.2083	106.32	252.6	134.8	78.9
1954-55	6.2637	107.26	260.1	138.8	77.3
1955-56*	6.5455	112.09	275.4	147.0	76.3

* Preliminary; subject to revision.

Sources:

Col. 1: F.o.b. prices (other than apricots) given in Table 1 weighted by corresponding domestic movements given in Table 2.

Col. 2: Figures in column 1 expressed as percentages with 1947-1949 = 100.

Col. 3: Based on income data published in U. S. Department of Commerce, Survey of Current Business.

Col. 4: Figures in column 3 expressed as percentages with 1947-1949 = 100.

Col. 5: Column 2 as per cent of column 4.

Technical Note for Canned Apricots

With price as the dependent variable and the three other variables below considered as the independent variables, multiple linear regression equations fitted by the method of least squares to the series covering the years 1924-25 through 1955-56 (excluding 1941-42 through 1946-47) are:

(1) $X_1' = -7.309566 \underset{(3.628880)}{-0.000578(X_2)} + \underset{(11.511092)}{6.647086(\log_{10}X_3)} + \underset{(2.909701)}{0.011263(X_4)}$; $\bar{R} = 0.95$

(2) For the period 1934-35 through 1955-56 (excluding 1941-42 through 1946-47):

$X_1' = -12.258350 \underset{(5.914558)}{-0.000698(X_2)} + \underset{(11.281155)}{8.630998(\log_{10}X_3)} + \underset{(4.672889)}{0.025014(X_4)}$; $\bar{R} = 0.98$

X_1 is the annual average f.o.b. price (choice, No. $2\frac{1}{2}$) of California canned apricots (dollars per case); Table 12, column 1.

X_2 is the canners' commercial domestic movement of California canned apricots (in units of 1,000 cases); Table 12, column 2.

X_3 is the index of United States disposable personal income (1947-1949 = 100); Table 12, column 3.

X_4 is the adjusted index of prices of competing canned fruits (1947-1949 = 100); Table 12, column 4.

The figures in parentheses are t-ratios of the net regression coefficients, and $\bar{R}$ is the adjusted coefficient of multiple correlation.

TABLE 15

Canned Freestone Peaches, Canners' Pack
Carry-Over, Shipments, and Exports from 1924-25

Marketing year, June through May	Pack	Canners' stocks on hand at beginning of year	Total supply	Canners' stocks on hand at end of year	Total movement from canners' hands[a]
	1	2	3	4	5
	thousands of cases; 24 No. 2½ basis				
California canned freestone peaches					
1924-25	935	184	1,119	89	1,030
1925-26	1,063	89	1,152	125	1,027
1926-27	498	125	623	176	447
1927-28	314	176	490	193	296
1928-29	157	193	350	40	310
1929-30	376	40	416	54	362
1930-31	120	54	174	29	145
1931-32	72	29	101	19	82
1932-33	23	19	42	2	40
1933-34	65	2	67	2	64
1934-35	340	2	342	21	321
1935-36	365	21	386	112	274
1936-37	475	112	587	69	518
1937-38	1,043	69	1,112	435	677
1938-39	376	435	811	269	542
1939-40	882	269	1,151	273	878
1940-41	1,134	273	1,407	174	1,233
(War years)					
1947-48	1,497	41	1,538	248	1,291
1948-49	1,708	248	1,952	265	1,690
1949-50	1,499	265	1,764	271	1,493
1950-51	1,677	271	1,948	52	1,896
1951-52	2,793	52	2,845	374	2,271[b]
1952-53	2,670	374	3,044	465	2,479[c]
1953-54	2,580	465	3,045	397	2,534[d]
1954-55	3,113	397	3,510	340	3,170
1955-56*	3,007	340	3,347	225	3,122
Pacific Coast canned freestone peaches					
1954-55	3,697	601	4,298	458	3,840
1955-56*	3,988	458	4,446	500	3,946

(Continued on next page.)

Table 15 continued.

* Preliminary; subject to revision.

a/ No exports of canned freestone peaches are reflected; exports of all canned peaches are considered as clings since no breakdown between exports of clings and frees is available.

b/ Excludes United States government purchases of 200,000 cases (quartermaster). If government purchases were included, total movement would be 2,471,000 cases.

c/ Excludes United States government purchases of 100,000 cases (quartermaster). If government purchases were included, total movement would be 2,579,000 cases.

d/ Excludes United States government purchases of 77,000 cases (quartermaster) and 37,000 cases (school lunch). If government purchases were included, total movement would be 2,648,000 cases.

Sources:

Cols. 1, 2, and 4:	From reports issued by Canners League of California and Northwest Canners Association.
Col. 3:	Column 1 plus column 2.
Col. 5:	Column 3 minus column 4.

TABLE 16

California Canned Fruit Cocktail, Canners' Pack, Carry-Over, Shipments, and Exports

Marketing year, June through May	Direct pack	Remanufactured pack	Canners' carry-over on hand at beginning of year	Total supply	Canners' carry-over on hand at end of year	Total movement from canners' hands	United States exports	Commercial domestic movement
	1	2	3	4	5	6	7	8
	thousands of cases; 24 No. 2½ basis							
1936-37	2,119	90.000	385	2,595	336	2,259	81	2,178
1937-38	3,078	228.000	336	3,642	1,295	2,347	76	2,271
1938-39	1,968	75.000	1,295	3,337	288	3,049	98	2,951
1939-40	3,580	73.000	288	3,942	747	3,195	104	3,091
1940-41	4,262	98.000	747	5,108	587	4,521	7	4,514
(War years)								
1947-48	9,324	125.000	62	9,511	299	9,212	376	8,836
1948-49	9,754	85.000	299	10,139	3,016	7,122	331	6,791
1949-50	6,135	445.000	3,016	9,596	2,014	7,492	400	7,091
1950-51	6,810	302.000	2,104	9,217	490	8,727	616	8,111
1951-52	8,999	--	490	9,488	2,335	7,153	601	5,604 a/
1952-53	7,489	0.277	2,335	9,824	1,047	8,777	902	7,463 b/
1953-54	8,056	172.000	1,047	9,274	1,287	7,987	745	6,915 c/
1954-55	9,074	--	1,287	10,361	1,226	9,135	1,095	7,927 d/
1955-56*	9,809	--	1,226	11,035	1,750	9,285	1,300	7,985

(Continued on next page.)

Table 16 continued.

* Preliminary; subject to revision.

a/ Excludes United States government (quartermaster) purchases of 949,000 cases. If government purchases were included, total domestic movement would be 6,448,000 cases.

b/ Excludes United States government (quartermaster) purchases of 412,000 cases. If government purchases were included, total domestic movement would be 7,773,000 cases.

c/ Excludes United States government (quartermaster) purchases of 327,000 cases. If government purchases were included, total domestic movement would be 7,316,000 cases.

d/ Excludes United States government (quartermaster) purchases of 113,000 cases. If government purchases were included, total domestic movement would be 8,040,000 cases.

Sources:

Cols. 1, 2, 3, and 5:	From reports issued by Canners League of California.
Col. 4:	Sum of columns 1, 2, and 3.
Col. 6:	Column 4 minus column 5.
Col. 7:	U. S. Department of Commerce. March-May, 1956, estimated.
Col. 8:	Column 6 minus column 7.

Table 16 continued.

a. Preliminary studies terminated.

a/ Includes indirect State or government (nondemonstrated) production of 5,[illegible],100 cases.
If government problems were included, total indirect government would be 6,[illegible],000 cases.

b/ Includes indirect State or government (nondemonstrated) production of [illegible],300 cases.
If government problems were included, total indirect government would be [illegible],300 cases.

c/ Includes indirect State or government (nondemonstrated) production of [illegible],000 cases.
If government problems were included, total indirect government would be [illegible],000 cases.

d/ Includes indirect State or government (nondemonstrated) production of [illegible],000 cases.
If government problems were included, total indirect government would be [illegible],000 cases.

Sources:

Cols. 1, 2, 3, and 5: Form reports issued by General Image Distribution.

Col. 4: Sum of columns 1, 2, and 3.

Col. 6: Column 5 minus column 4.

Col. 7: U.S. Department of Commerce, Monthly Industrial [illegible].

Col. 8: Column 6 minus column 7.